

QUICK I.D. **CEMENT, HIGH TEMPERATURE, FURNACE**

Related Products: WI-20622, WI-20641, WI-20642, WI-20643, WI-20644 (continued bottom of pg.)

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SECTION 1 - GENERAL INFORMATION

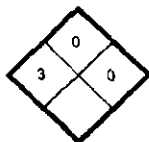
Prepared by W E. Hurley

SONJU CORPORATION dba Worcester Brush & August West
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Date 3/31/98

SECTION 2 - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENT	CAS #	DOT ID #	- EXPOSURE LIMITS -		- CARCINOGEN -			- NFPA RATING -			
			OSHA PEL	ACGIH TLV	NTP	IARC	OSHA	H	F	R	%
1 SODIUM SILICATE	6834-92-0	N/A	N/A	N/A	N	N	N	2	0	0	P
2 SILICONE DIOXIDE	1-4808-60-7	N/A	N/A	N/A	N	N	N	3	0	0	P
3 HYDRATED ALUMINUM SILICATE	1332-58-7	N/A	N/A	N/A	N	N	N	2	0	0	P
4 N/A											
5 N/A											
6 N/A											
7 N/A											
8 N/A											
9 N/A											
10 N/A											
11 N/A											



NFPA (NATIONAL FIRE PREVENTION ASSOCIATION) HAZARD RATINGS 0 = MINIMAL HAZARD 1 = SLIGHT HAZARD 2 = MODERATE HAZARD, 3 = HIGH HAZARD, 4 = EXTREME HAZARD

N/A = NOT APPLICABLE, N/D = NO DATA AVAILABLE, Y = YES, N = NO, X = UNKNOWN

SECTION 3 - HAZARDS IDENTIFICATION

ACUTE (IMMEDIATE) SYMPTOMS The components listed in Section 2 above in their pure form are irritants and may cause irritation of of skin, eyes, throat and/or intestinal tract The product mixture may also cause irritation of bodily tissue Tissue reactions will depend on user sensitivity to alkaline chemicals

CHRONIC (LONG TERM) SYMPTOMS None specifically known

CONDITIONS AGGRAVATED BY EXPOSURE Dermal skin conditions

ROUTES OF ENTRY / SYMPTOMS

EYES — Localized irritation, redness and/or tearing

SKIN — Localized irritation or redness Do not rub or scratch irritated areas

INHALATION — Not normal route of entry for this product Product does not generate dust or vapors

INGESTION — Temporary irritation of the gastrointestinal tract may occur

SECTION 4 - FIRST AID

EYES — Flush entire surface IMMEDIATELY with large amounts of water for at least 15 minutes while holding the eyelid open GET MEDICAL ATTENTION PROMPTLY

SKIN — Wash IMMEDIATELY with soap and water
If redness or irritation occur GET MEDICAL ATTENTION

INHALATION — Product does not emit dust or vapors If an inhalation problem is suspected move person to fresh air
If irritation or congestion occur GET MEDICAL ATTENTION IMMEDIATELY

INGESTION — Sodium Silicate is an alkali and an irritant If ingestion occurs DO NOT INDUCE VOMITING Give large amounts of water to dilute and GET MEDICAL ATTENTION IMMEDIATELY If vomiting does occur, do not allow vomit to be aspirated

FOR EMERGENCY INFORMATION CONTACT YOUR LOCAL POISON CONTROL CENTER OR EMERGENCY MEDICAL FACILITY. WHEN CALLING HAVE THE PRODUCT LABEL AVAILABLE. WITHIN MASSACHUSETTS CALL 1-800-682-9211 OR 1-517-232-2120.

OTHER RELATED PRODUCTS (cont) 20641A, 20641C, 20642A, 20642C, 20643A, 20643C,
20643A, 20644C, 20622A, 20622C

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MATERIAL SAFETY DATA SHEET

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SECTION 5 - FIRE / EXPLOSION HAZARDS

FLASHPOINT — N/A

METHOD — N/A

FLAMMABILITY LIMITS — LOWER — UPPER

N/A N/A

AUTOIGNITION POINT — N/A

EXTINGUISHING MEDIA — Foam, CO2, dry chemical, water or water fog

SPECIAL FIREFIGHTING — Wear full protective clothing and positive pressure breathing apparatus
PROCEDURESUNUSUAL FIRE OR — None known
EXPLOSION HAZARDS

SECTION 6 - ACCIDENTAL RELEASE

No hazard from spilled product. Pickup spilled product, allow product to harden and dispose of in normal trash. Cleanup should be prompt. Black staining may occur as a result of spilled material.
If applicable, dispose of in accordance with Local, State or Federal regulations.

SECTION 7 - HANDLING AND STORAGE

HANDLING — Use of gloves and eye protection is recommended

STORAGE — KEEP CONTAINER TIGHTLY CLOSED. DO NOT REUSE CONTAINER. DO NOT TRANSFER CONTENTS TO AN UNMARKED CONTAINER. Store cement above 40 degrees. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION — None required in normal use environment

HAND PROTECTION — Recommended

EYE PROTECTION — Recommended

CLOTHING — No special requirements. Old work clothes suggested as staining can occur.

HYGIENIC PRACTICES — Wash hands thoroughly with soap and water after use. Keep hands away from mouth and eyes. Keep product away from food items.

SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT (Degrees F) — N/A

MELTING POINT (Degrees F) — 3000 Deg F

APPEARANCE —

SPECIFIC GRAVITY (H2O = 1) — 1.3

SOLUBILITY in WATER — Soluble

FORM — Paste

VAPOR DENSITY (Air = 1) — N/A

DENSITY — N/D

ODOR — None

VAPOR PRESSURE (mmHg) — N/A

EVAPORATION RATE — N/A

COLOR — Black

pH — N/A

SECTION 10 - STABILITY / REACTIVITY

STABILITY — Stable

HAZARDOUS POLYMERIZATION — Will not occur

CONDITIONS TO AVOID — None known

INCOMPATIBILITY (MATERIALS TO AVOID) — None known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS — None known

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SECTION 11 - TOXICOLOGICAL INFORMATION

product has not been tested as a mixture for health effects, therefore, the health and toxicological effects data if any, should be considered to be that of the individual components

This product does NOT contain any chemical known to the State of California to cause cancer and birth defects or other reproductive harm

This product does not contain any known carcinogens nor does it contain any known reproductive toxins

SECTION 12 - ECOLOGICAL INFORMATION

CLEAN AIR ACT - THIS PRODUCT IS FREE OF AND NOT MANUFACTURED USING ANY KNOWN CLASS 1 OR CLASS 2 OZONE DEPLETING CHEMICALS (ODC's)

This product complies with the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986, Proposition 65

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal of any hazardous by-product or hazardous residuals of this product must be in compliance with any and all Local, State and/or Federal Regulations

This product or the residuals should never be buried, poured into a drain, sewerage system or other body of water

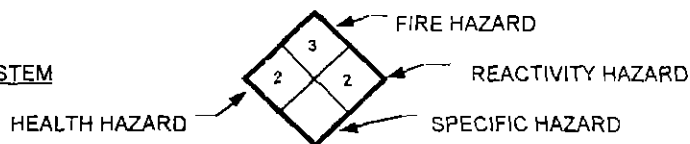
SECTION 14 - TRANSPORTATION INFORMATION

NO KNOWN SHIPPING RESTRICTIONS

SECTION 15 - REGULATORY INFORMATION

California Proposition 65 To the best of our knowledge this product does not contain any chemical known to the State of California to cause cancer, birth defects, or other reproductive harm

This MSDS complies with OSHA Standard, 29 CFR 1910.1200. This format was voluntarily adopted for Worcester Brush and August West products and is compliance with the American National Standards Institute #ANSI Z400.1

NFPA RATING SYSTEM

SECTION 16 - OTHER INFORMATION / DISCLAIMERS

MSDS Sheets are available on all Worcester Brush and August West products upon request. This MSDS Sheet meets all the requirements of the OSHA Standard, 29 CFR 1910.1200. The format of this MSDS complies with the voluntary standard of the American National Standards Institute, ANSI Z400.1. This product contains hazardous or potentially harmful materials. Use of this product in a manner not consistent with label instructions is a violation of Federal Law. This MSDS Sheet is offered for your information, consideration and investigation in compliance with the "Right-To-Know" laws. The Sonju Corporation, manufacturer of Worcester Brush and August West products, provides no warranties, either expressed or implied. With respect to the information herein, the Sonju Corporation assumes no liability resulting from its use. Users should use this information to make their own investigation to determine the suitability of the information and the product for their own purposes. The above information is based on current data available to the Sonju Corporation, and is believed to be accurate, but not warranted.